

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| S84   | 1051 | ((455/575.5) or (455/575.7)).<br>CCLS.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/09/23<br>12:19 |
| S83   | 117  | ("343"/\$.ccls.<br>"455"/\$.ccls.) and<br>antenna and<br>(transceiver<br>receiver<br>transmitter) and<br>(first and second)<br>adj2 (ground\$4<br>earth) and<br>(inductor and<br>(capacitor<br>varactor)) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/09/23<br>12:12 |
| S82   | 29   | ("343"/\$.ccls.<br>"455"/\$.ccls.) and<br>antenna and<br>(transceiver<br>receiver<br>transmitter) and<br>(first and second)<br>adj2 (ground\$4<br>earth) and coax<br>and (conductor<br>line cable)        | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/09/23<br>12:11 |
| S81   | 1872 | (S78 S77)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/09/23<br>12:02 |
| S80   | 1    | ("0001211").PN.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/09/23<br>12:02 |
| S79   | 1    | ("0001211").PN.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/09/23<br>12:02 |

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|-----|------|--|---|----|-----|---------------------|
| S78 | 535  | (343/841).CCLS.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | OFF | 2009/09/23<br>12:02 |
| S77 | 1360 | (343/846).CCLS.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | OFF | 2009/09/23<br>12:02 |
| S76 | 172  | S75 not S74  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/09/23<br>11:59 |
| S75 | 262  | ( antenna and<br>( ground\$4 earth<br>\$4) and<br>( reactance<br>resistor<br>capacitance<br>inductance) and<br>(distance space<br>gap) and (1/2 half<br>\$lambda\$/2) and<br>electrical adj<br>length ) and S73  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/09/23<br>11:58 |
| S74 | 90   | ( antenna and<br>high adj frequency<br>and (substrate<br>layer) and ( ground<br>\$4 earth\$4) and<br>( reactance<br>resistor<br>capacitance<br>inductance) and<br>(distance space<br>gap) and (1/2 half<br>\$lambda\$/2) and<br>electrical adj<br>length ) and S73 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/09/23<br>11:57 |
| S73 | 7865 | ((343/846) or<br>(343/848) or<br>(343/849) or<br>(343/700ms) or<br>(343/744) or<br>(343/745) or<br>(343/749) or<br>(343/750)).CCLS.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | OFF | 2009/09/23<br>11:56 |

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| S72 | 543 | 333/17.1   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | ON | 2009/09/23<br>11:45 |
| S71 | 0   | ( antenna and<br>high adj frequency<br>and (substrate<br>layer) and (first<br>and second ) adj2<br>( ground\$4 earth<br>\$4) and<br>( reactance<br>resistor<br>capacitance<br>inductance) and<br>(distance space<br>gap) and (1/2 half<br>\$lambda\$/2) and<br>electrical adj<br>length ).clm. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/23<br>11:44 |
| S70 | 22  | ( antenna and<br>high adj frequency<br>and (substrate<br>layer) and (first<br>and second ) adj2<br>( ground\$4 earth<br>\$4) and<br>( reactance<br>resistor<br>capacitance<br>inductance) and<br>(distance space<br>gap) and (1/2 half<br>\$lambda\$/2) and<br>electrical adj<br>length )      | USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                              | OR | ON | 2009/09/23<br>11:38 |
| S69 | 16  | ( antenna and<br>high adj frequency<br>and (substrate<br>layer) and (first<br>and second ) adj2<br>( ground\$4 earth<br>\$4) and<br>( reactance<br>resistor<br>capacitance<br>inductance) and<br>(distance space<br>gap) and (1/2 half<br>\$lambda\$/2) and<br>electrical adj                  | US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                           | OR | ON | 2009/09/23<br>11:37 |

length )

**EAST Search History (Interference)**

| Ref # | Hits | Search Query  | DBs         | Default Operator | Plurals | Time Stamp       |
|-------|------|---|-------------|------------------|---------|------------------|
| S86   | 0    | ( antenna and high adj frequency and (substrate layer) and (first and second ) adj2 ( ground\$4 earth \$4) and ( reactance resistor capacitance inductance) and (distance space gap) and (1/2 half \$lambda\$/2) and electrical adj length ).clm. | USPAT; UPAD | OR               | ON      | 2009/09/23 11:44 |
| S85   | 24   | ( antenna and high adj frequency and (substrate layer) and (first and second ) adj2 ( ground\$4 earth \$4) and ( reactance resistor capacitance inductance) and (distance space gap) and (1/2 half \$lambda\$/2) and electrical adj length )      | USPAT; UPAD | OR               | ON      | 2009/09/23 11:35 |

**9/23/09 2:03:21 PM****C:\Documents and Settings\kglen\My Documents\EAST\Workspaces\10586069.wsp**